

Figure 1. Locations of monitoring stations and population density in Parlier.

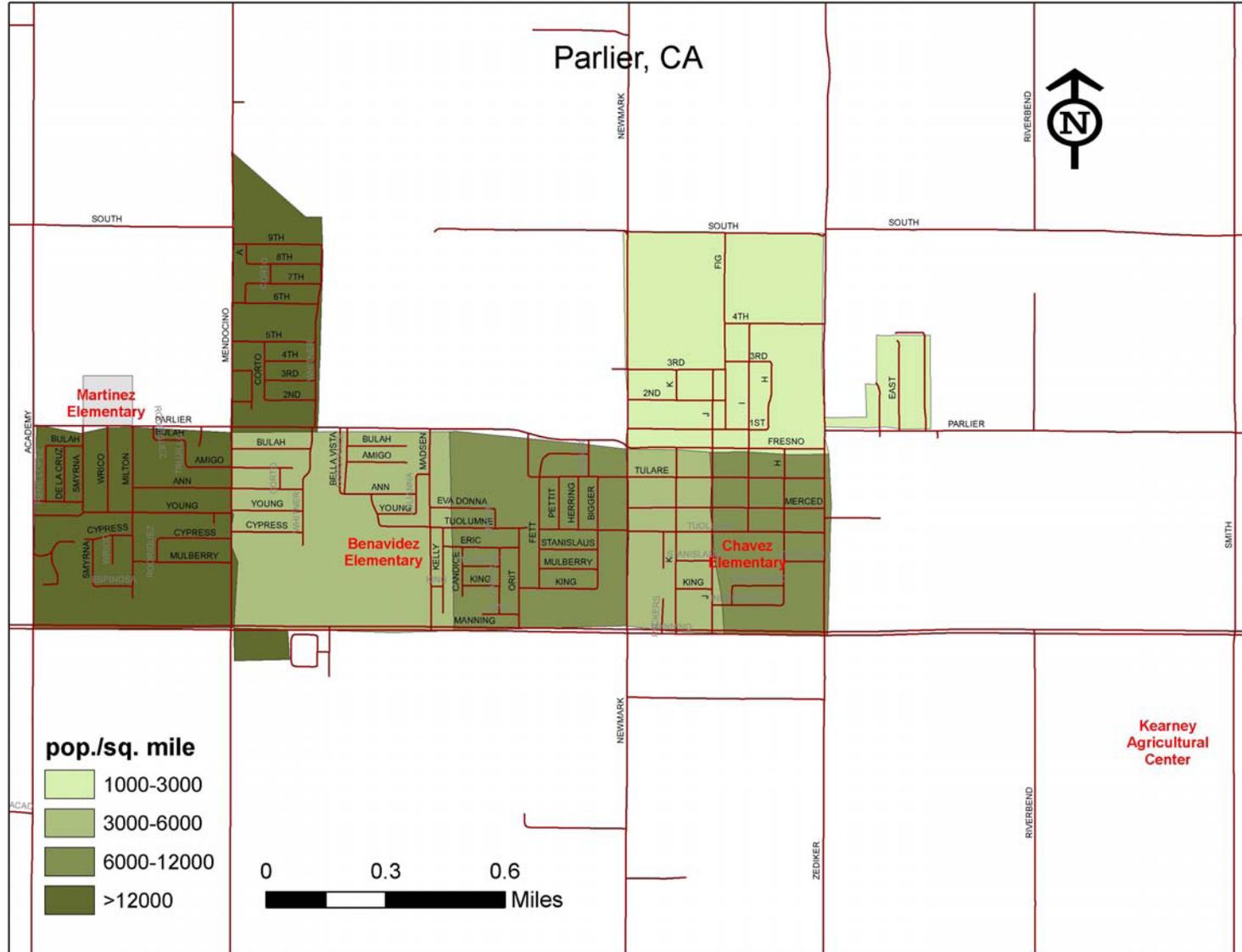


Figure 2. Highest one-day (acute) concentrations detected among the three monitoring locations, as of August 16, 2006.

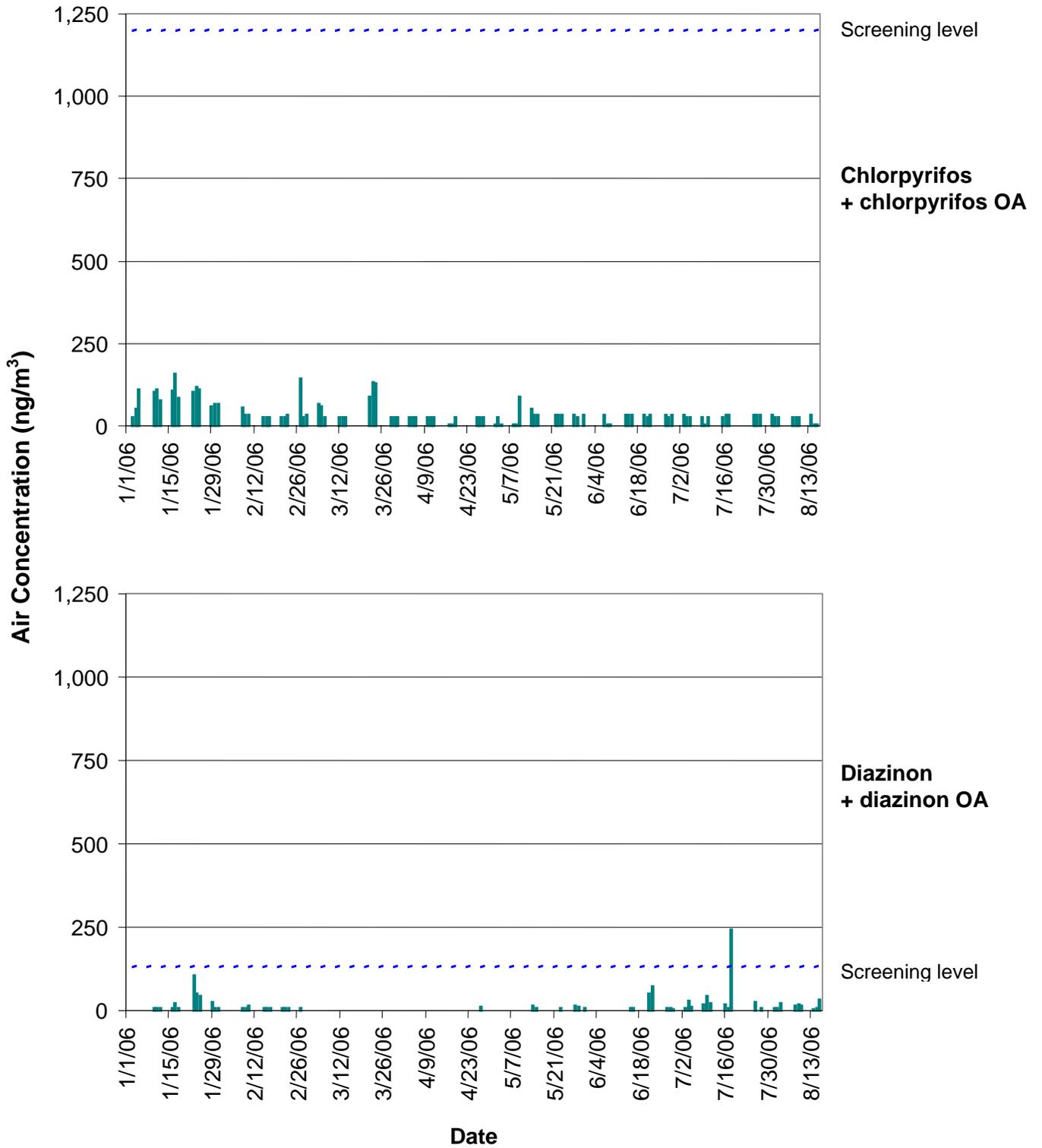


Figure 2. Highest one-day (acute) concentrations detected among the three monitoring locations, as of August 16, 2006 (continued). Concentration scale for MITC is higher than the rest of graphs.

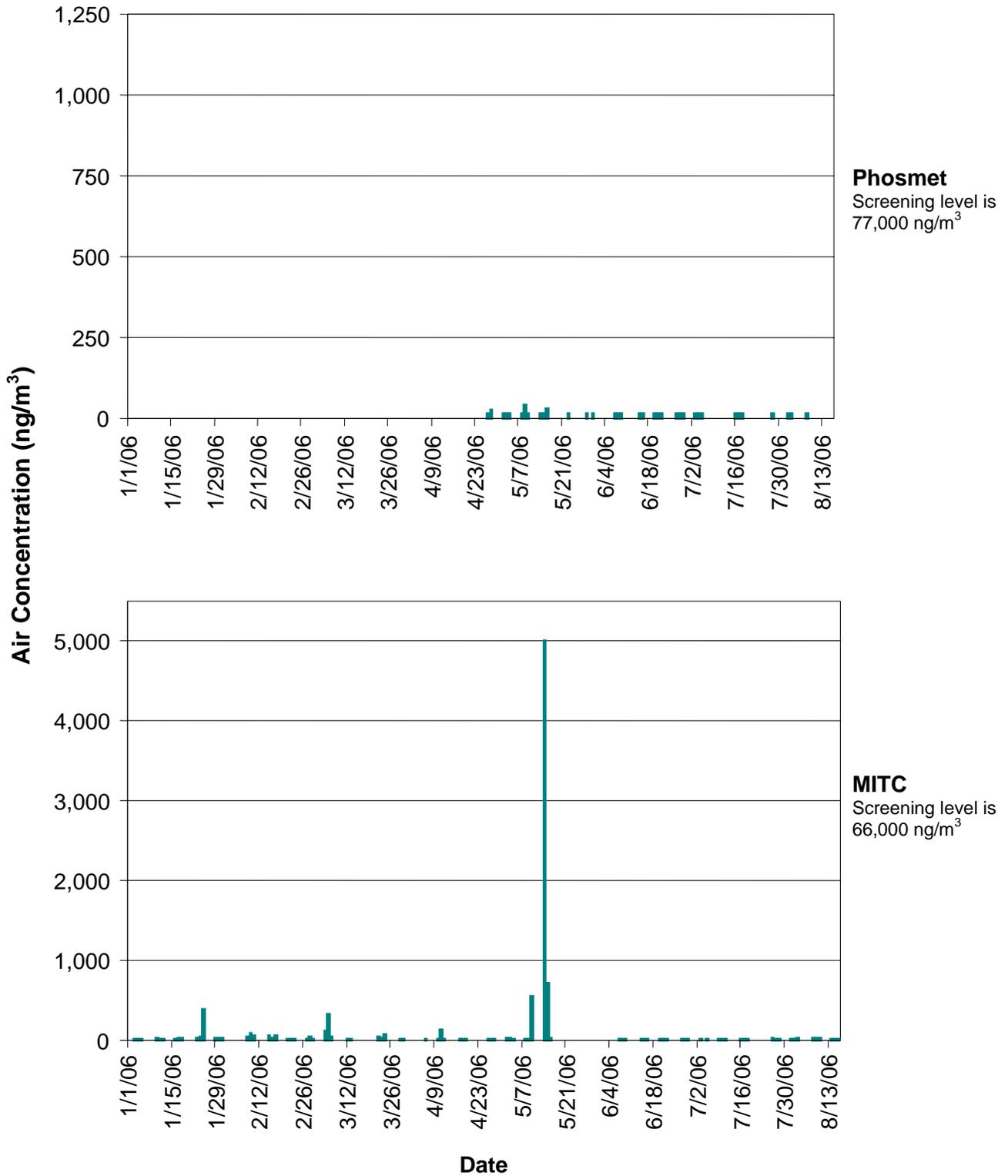


Figure 3. Highest one-day (acute) concentrations detected at Benavidez Elementary School, as of June 28, 2006. (continued) Only concentrations above the MDL are presented.

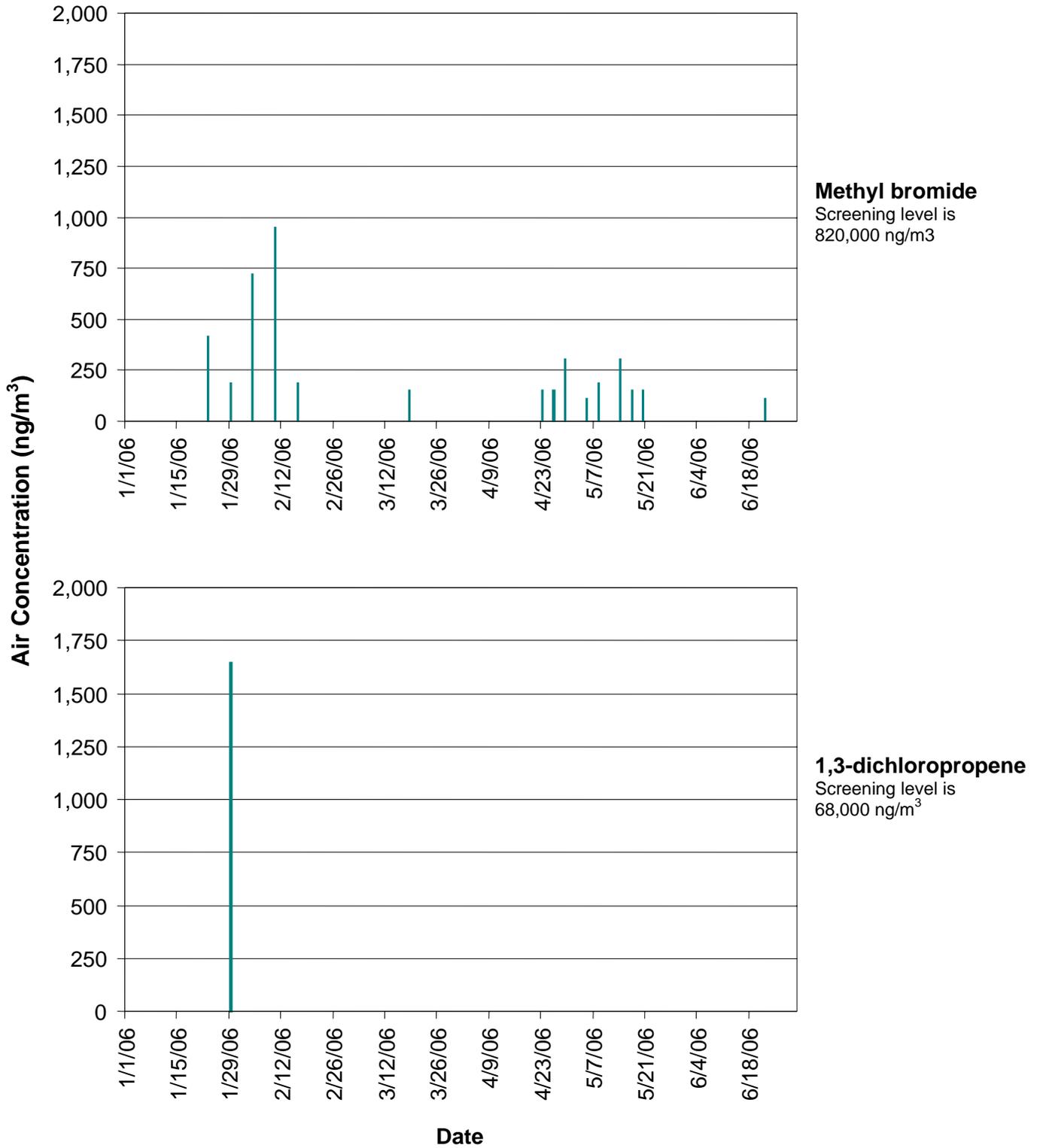


Figure 3. Highest one-day (acute) concentrations detected at Benavidez Elementary School, as of June 28, 2006. (continued) Only concentrations above the MDL are presented.

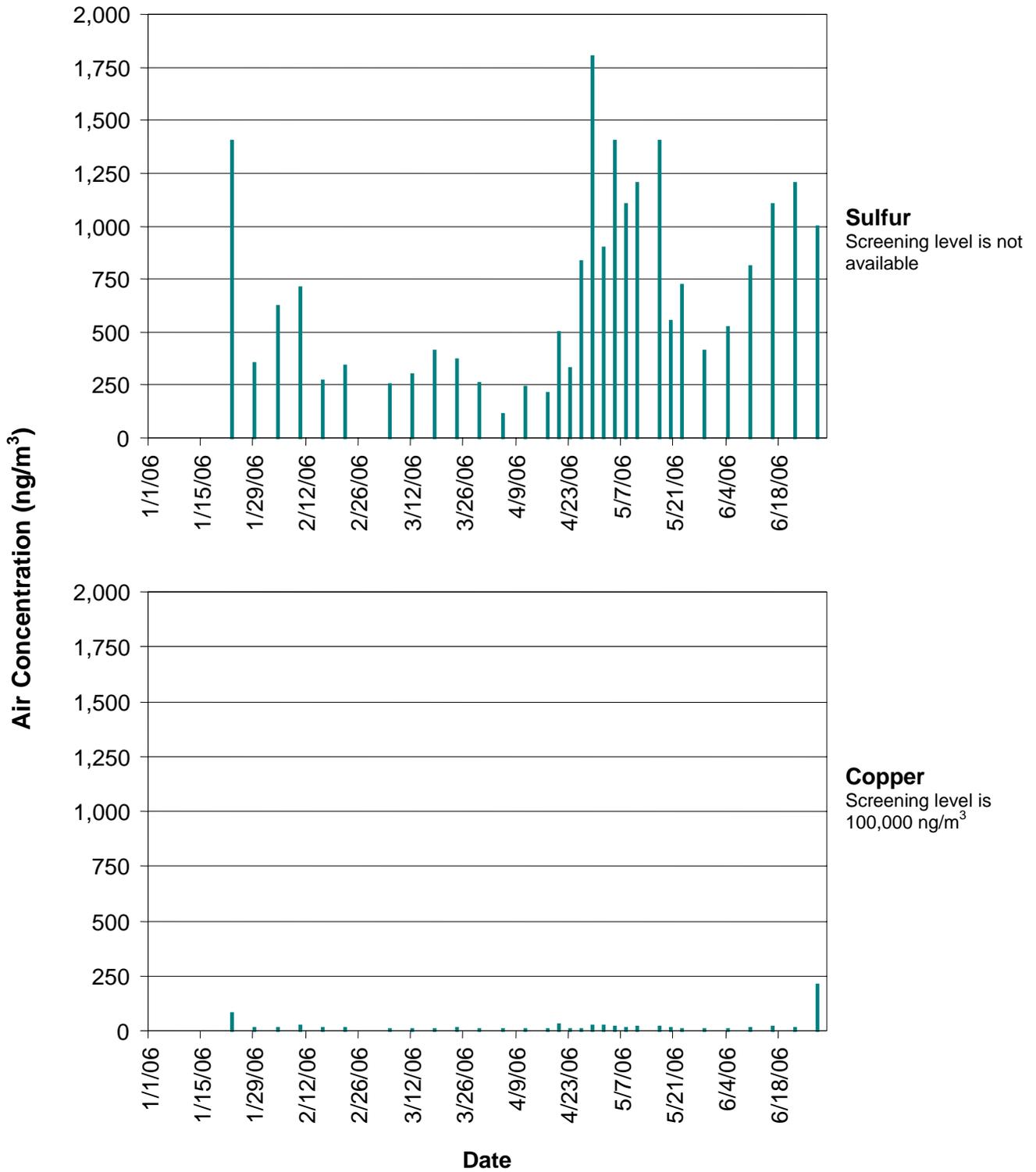


Figure 4. Highest two-week average (subchronic) concentrations detected among the three monitoring locations, as of August 16, 2006. Concentrations presented as rolling or moving averages (i.e. average of weeks 1 and 2, average of weeks 2 and 3, etc.).

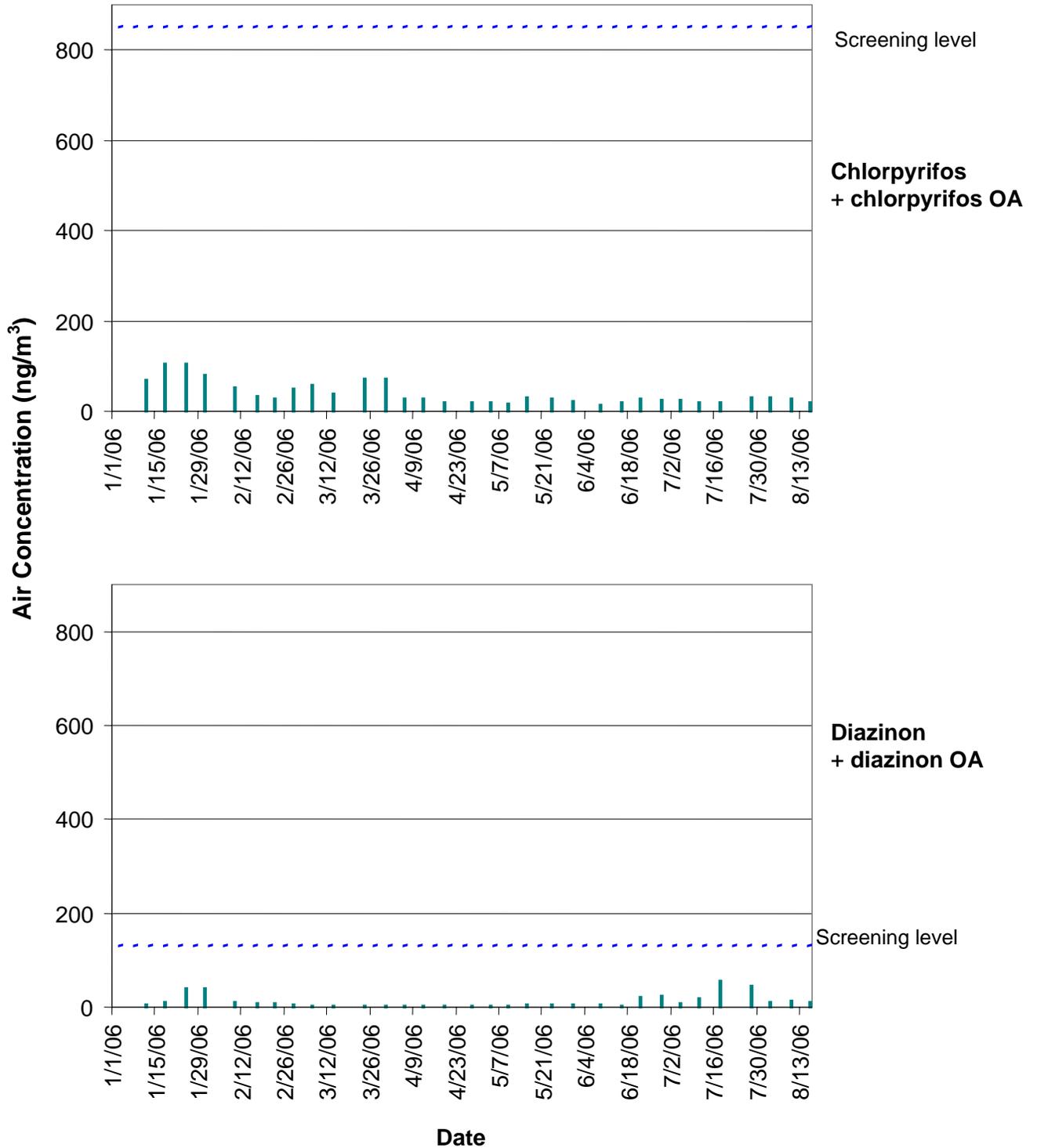


Figure 4. Highest two-week average (subchronic) concentrations detected among the three monitoring locations, as of August 16, 2006. Concentrations presented as rolling or moving averages (i.e. average of weeks 1 and 2, average of weeks 2 and 3, etc.). (continued) Concentration scale for MITC is higher than the rest of graphs.

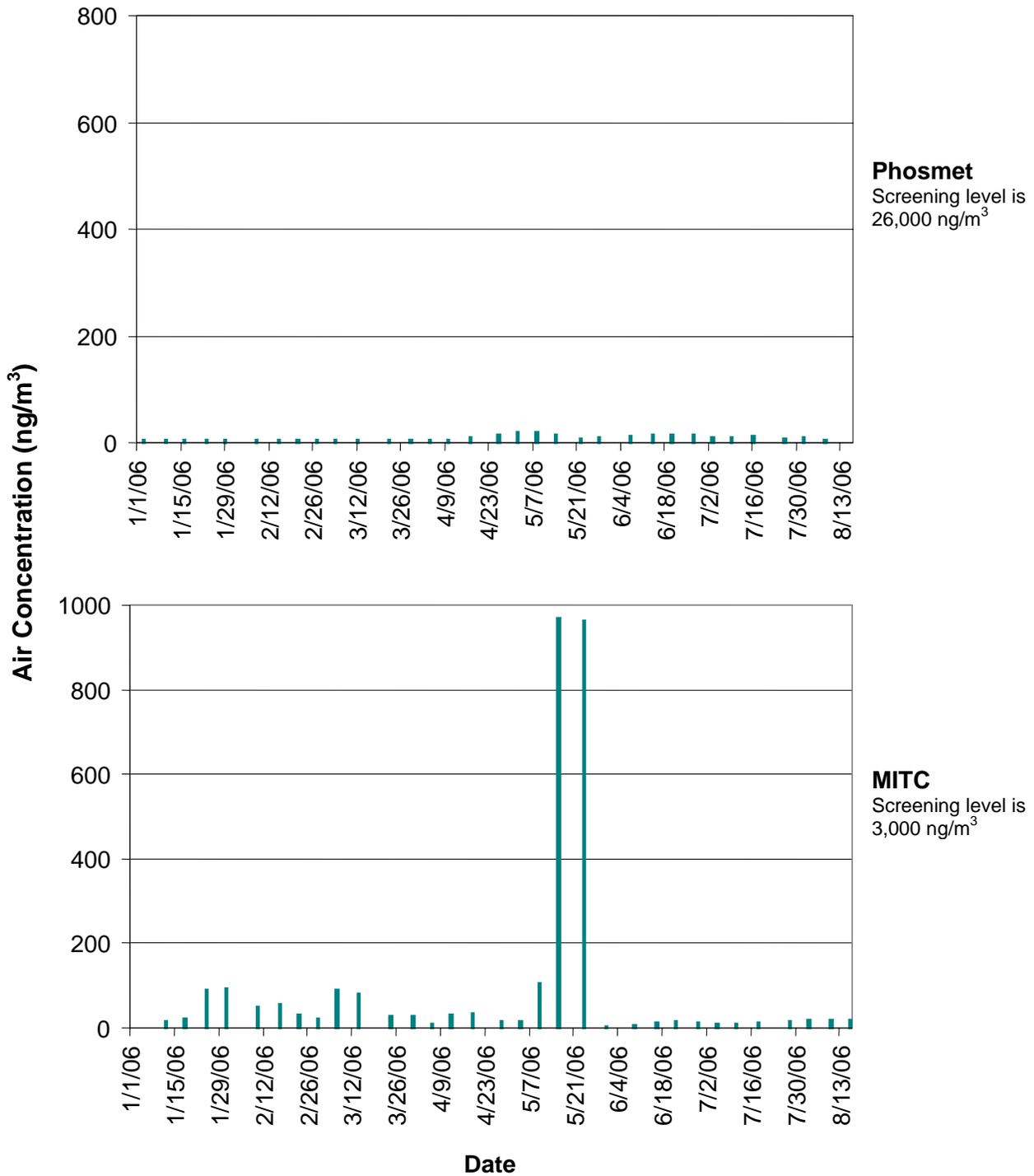


Figure 5. Air concentrations by location, as of August 16, 2006.

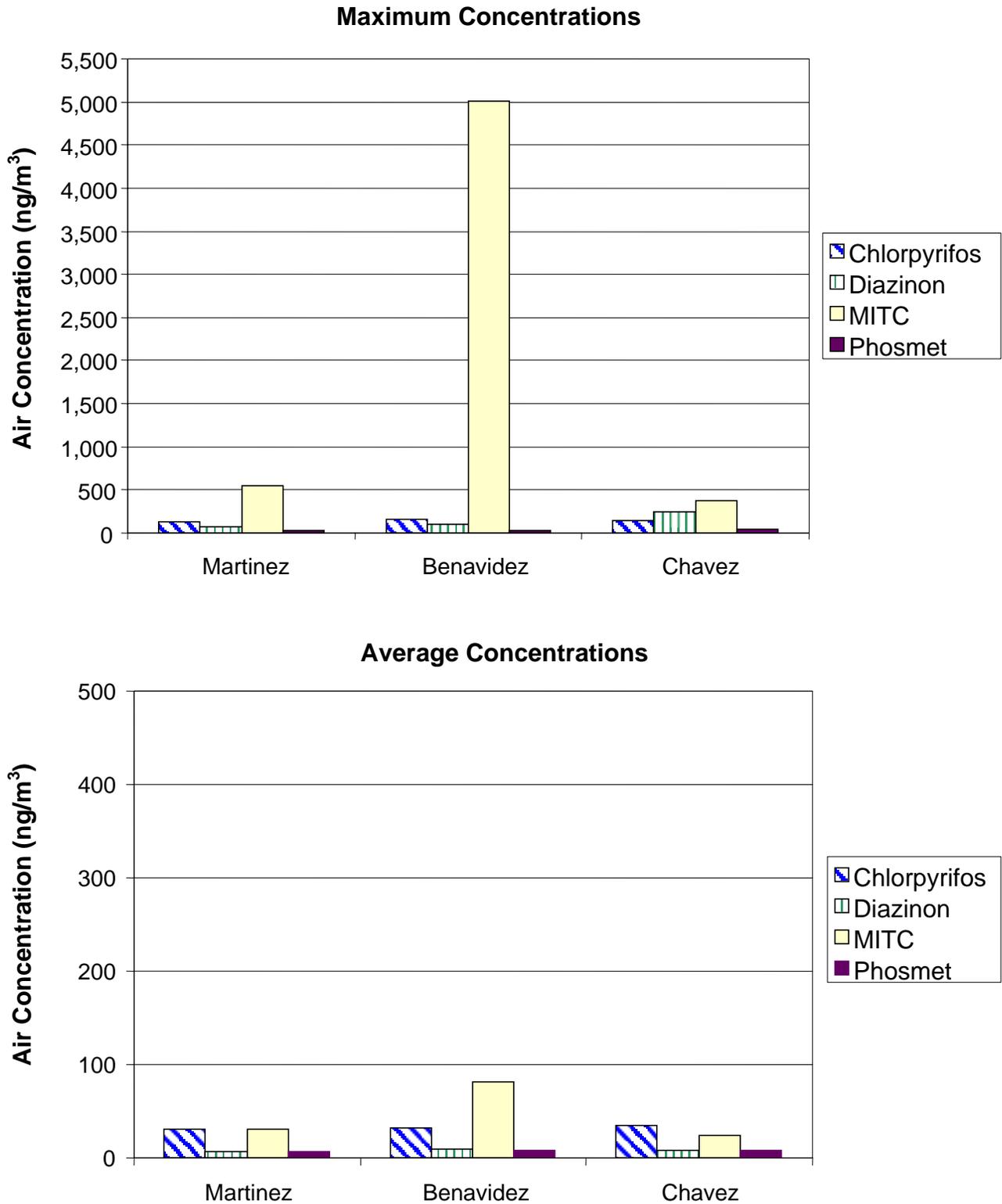


Figure 6. Chlorpyrifos applications within 5 miles of the city of Parlier during January through July 2006. Each colored section is a square mile.

### Chlorpyrifos Applications 01/01/06 - 7/31/06

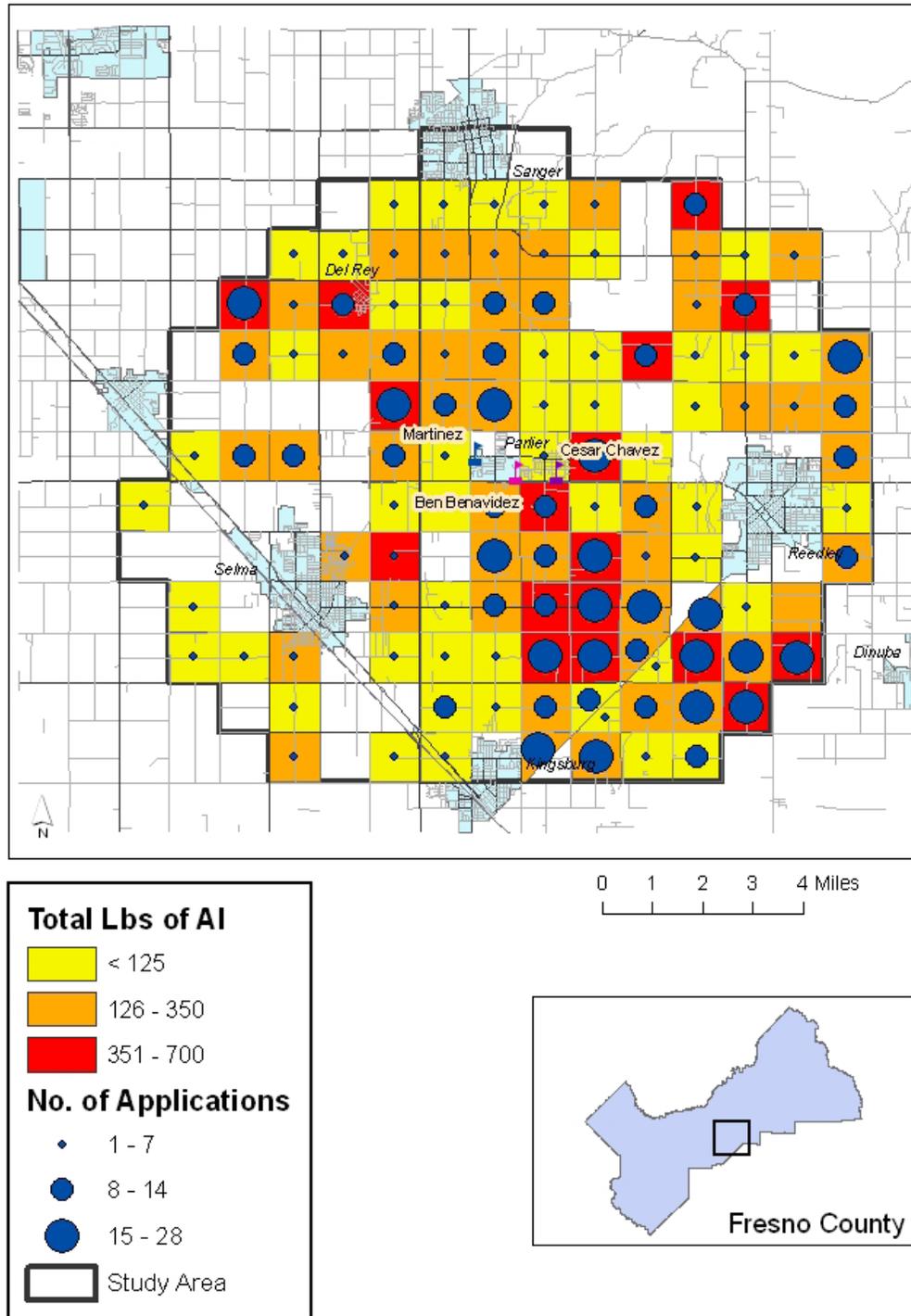


Figure 7. Diazinon applications within 5 miles of the city of Parlier during January through July 2006. Each colored section is a square mile.

### Diazinon Applications 01/01/06 - 7/31/06

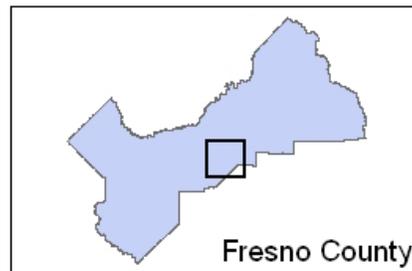
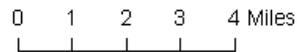
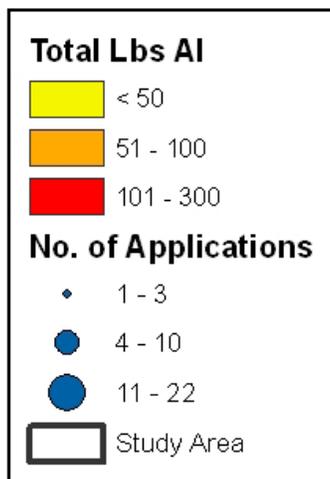
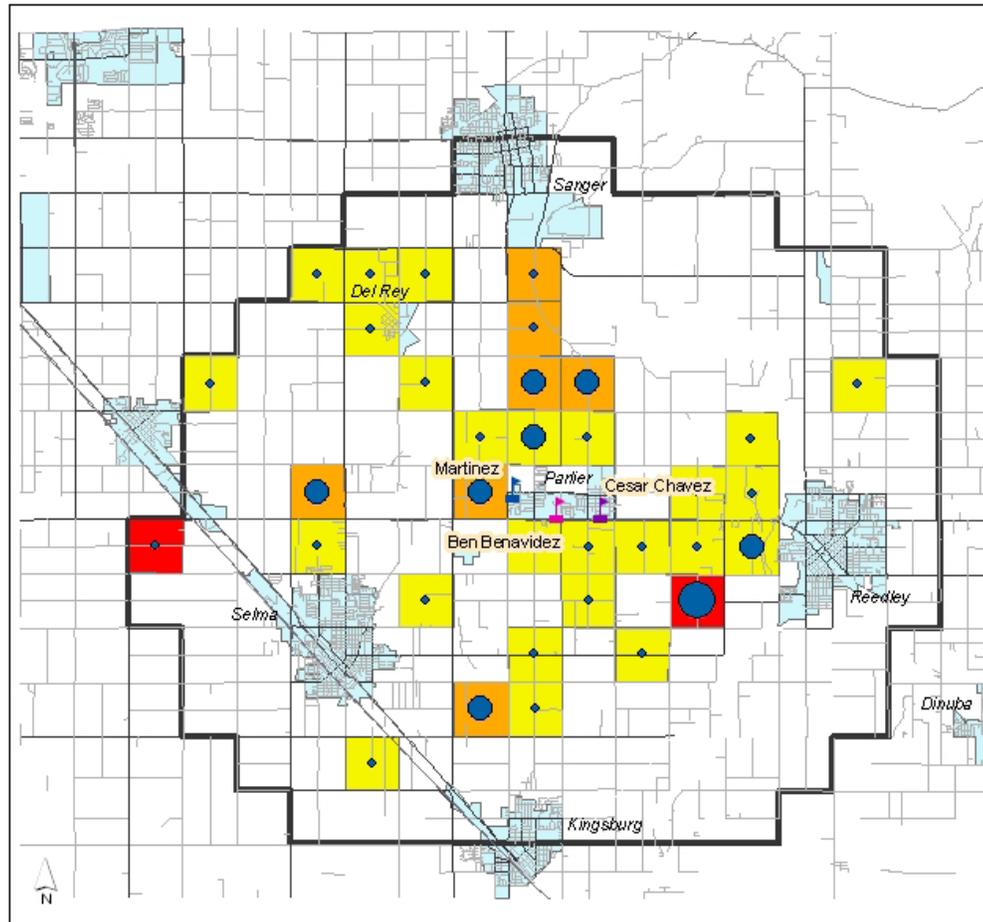


Figure 8. Phosmet applications within 5 miles of the city of Parlier during January through July 2006. Each colored section is a square mile.

### Phosmet Applications 01/01/06 - 7/31/06

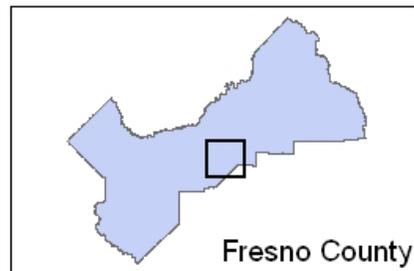
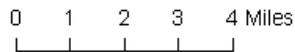
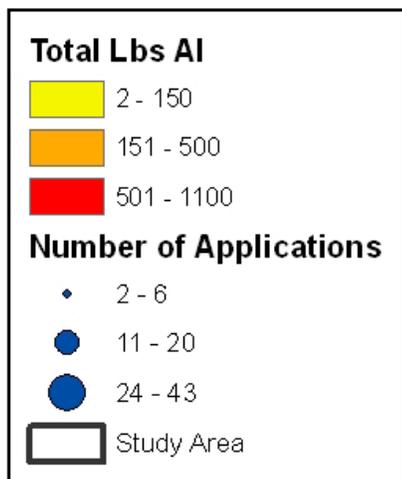
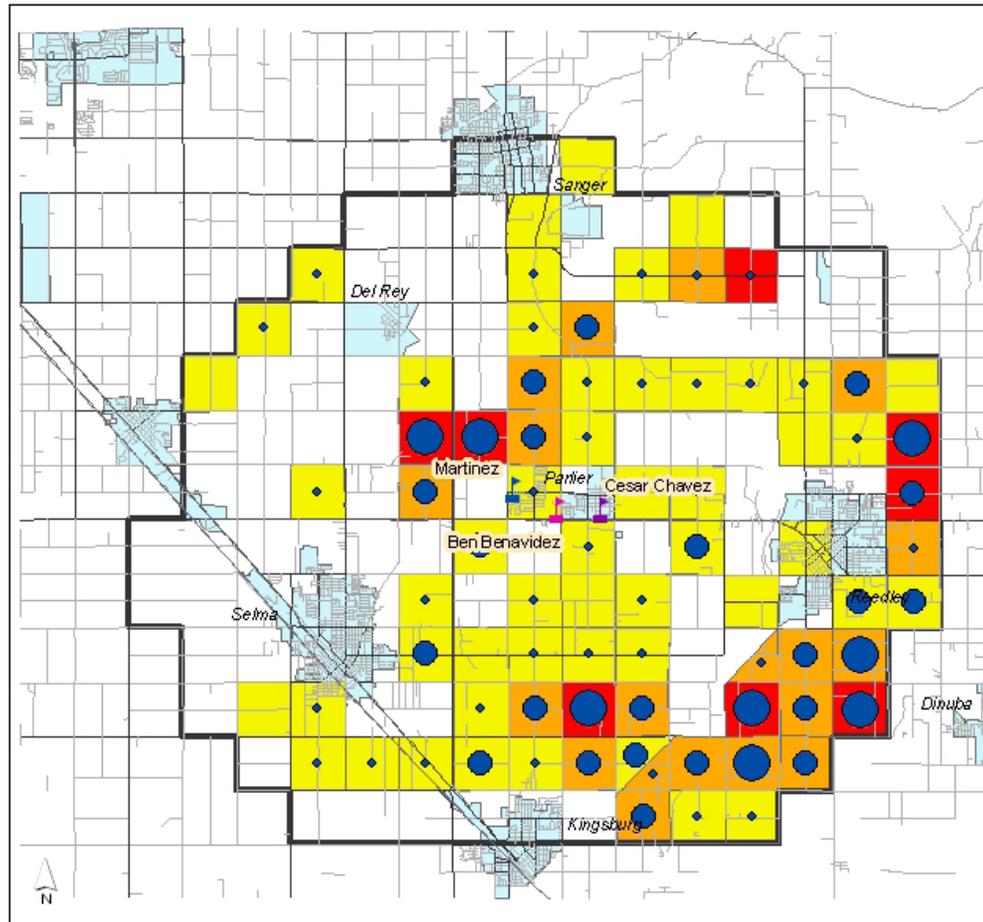


Figure 9. Metam sodium and potassium N-methyldithiocarbamate (MITC producing products) applications within 5 miles of the city of Parlier during January through July 2006. Each colored section is a square mile.

### Metam Applications 01/01/06 - 7/31/06

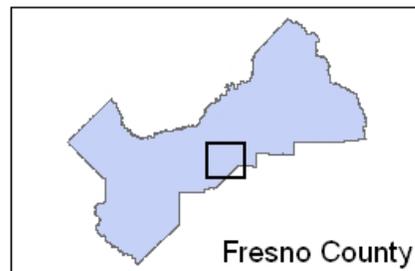
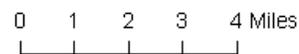
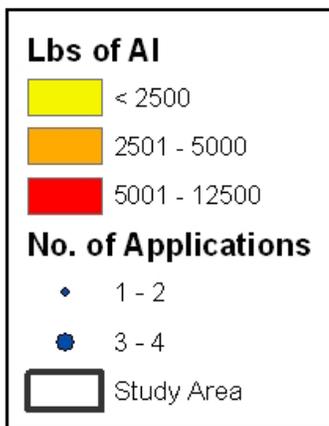
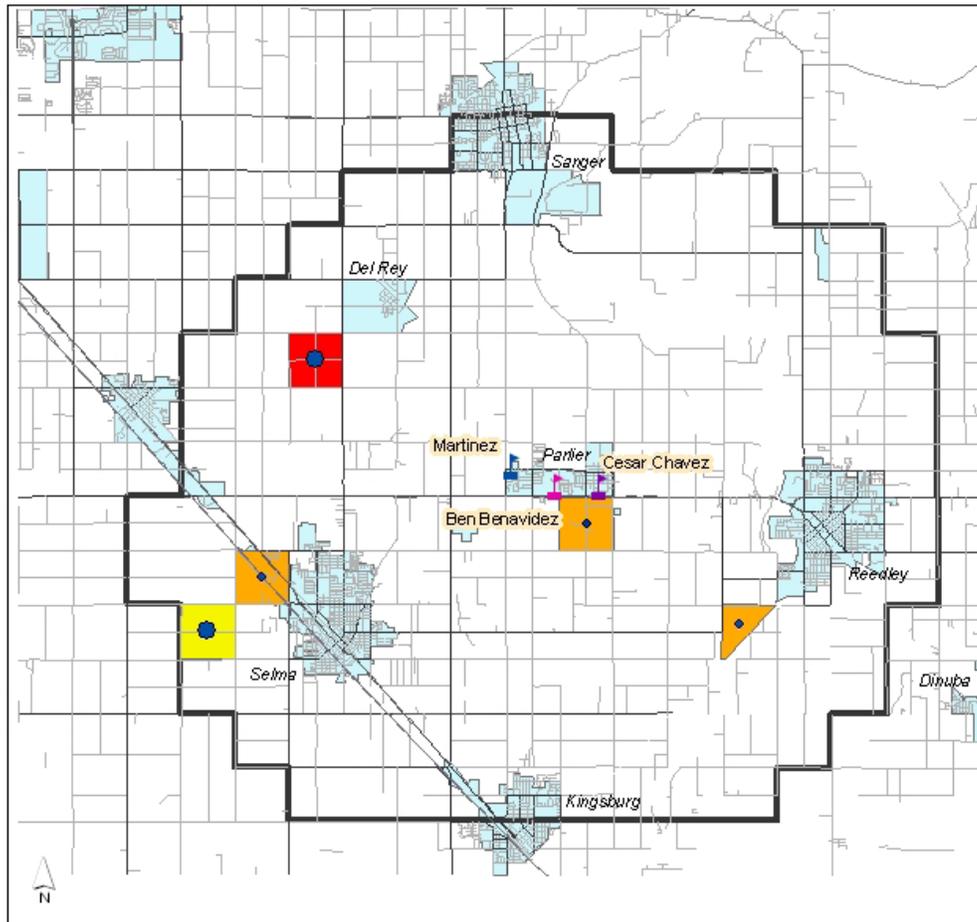
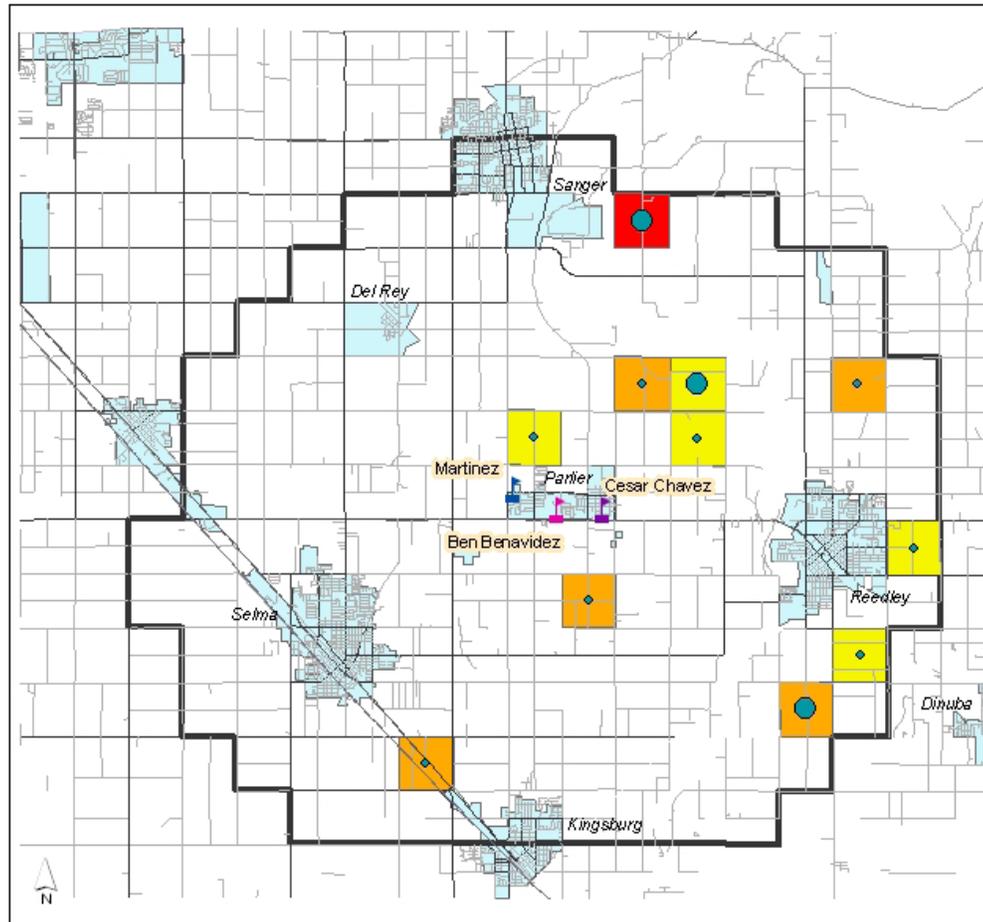


Figure 10. 1,3-dichloropropene applications within 5 miles of the city of Parlier during January through July 2006. Each colored section is a square mile.

### 1,3-Dichloropropene Applications 01/01/06 - 7/31/06



0 1 2 3 4 Miles

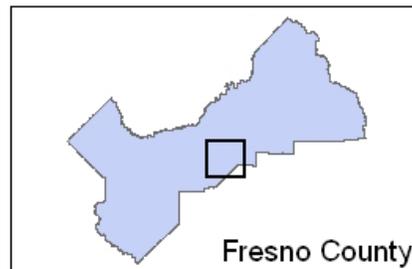
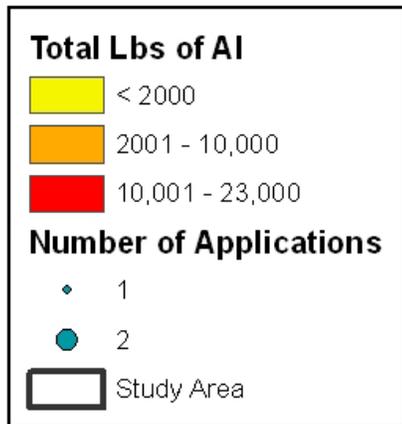


Figure 11. Sulfur applications within 5 miles of the city of Parlier during January through July 2006.

### Sulfur Applications 01/01/06 - 7/31/06

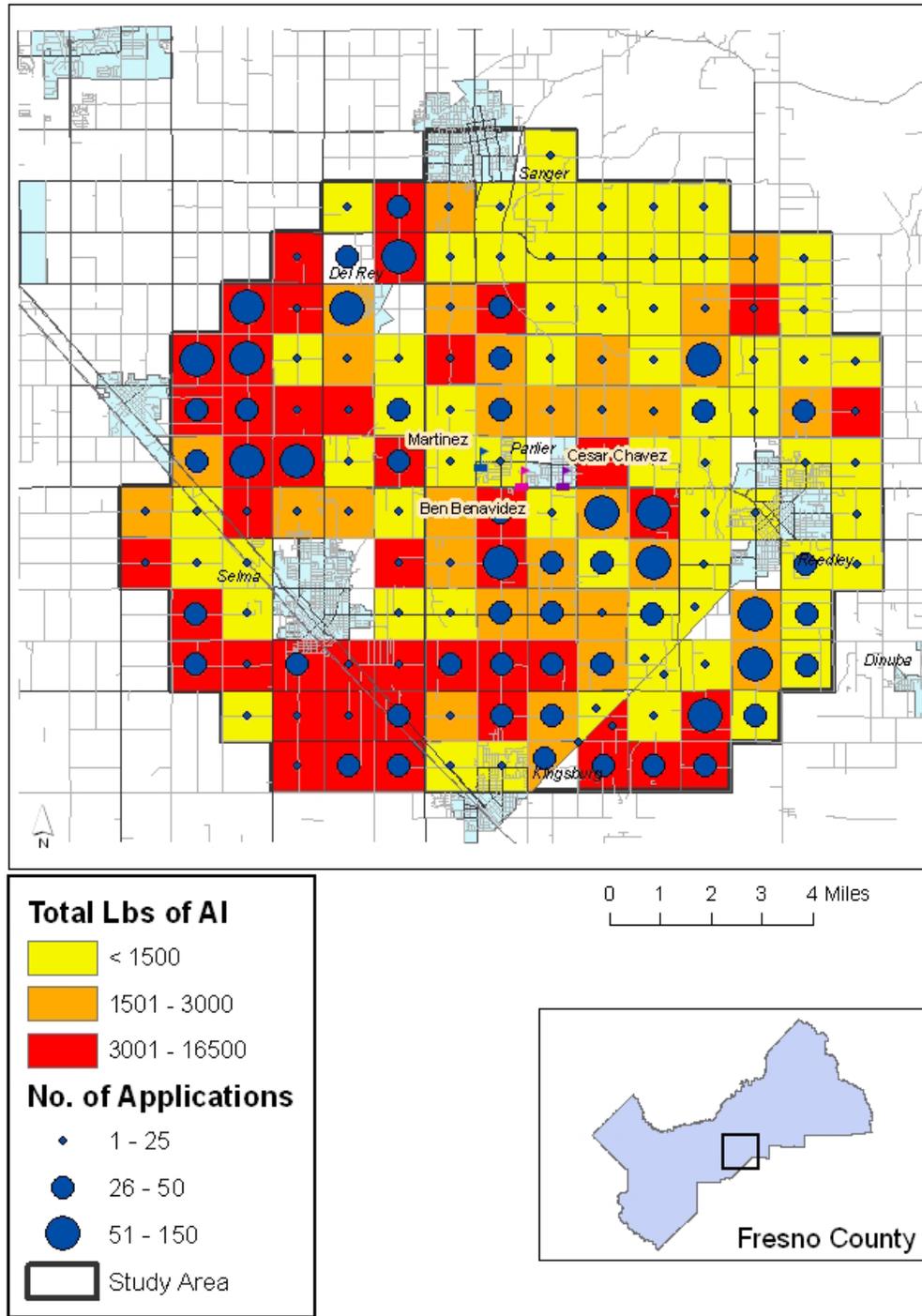
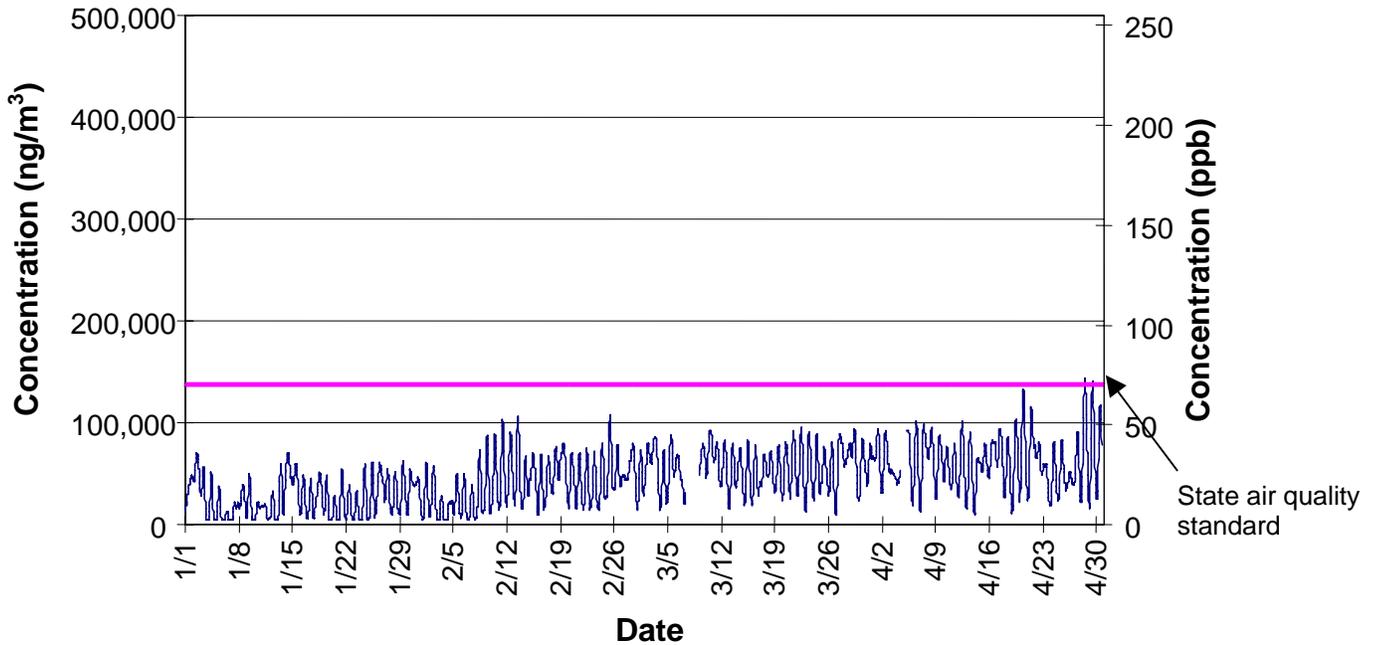


Figure 12. Concentrations of criteria air pollutants at the Parlier monitoring station, January 1, 2006 through April 30, 2006.

### Continuous 8-hour Average Ozone Concentration



### 1-hour Average Nitrogen Dioxide Concentration

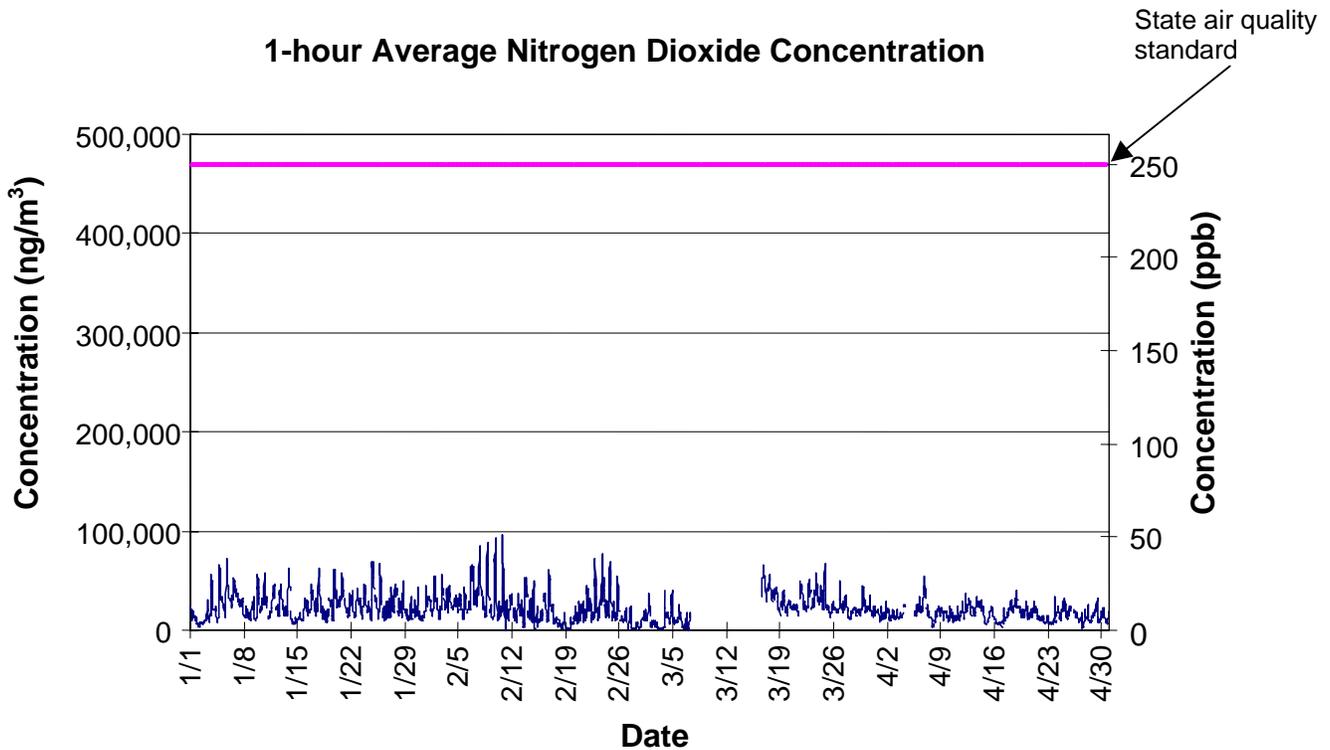


Figure 13. Concentrations of fine particulate matter (PM<sub>2.5</sub>) at the Parlier monitoring station, January 13, 2006 through July 24, 2006.

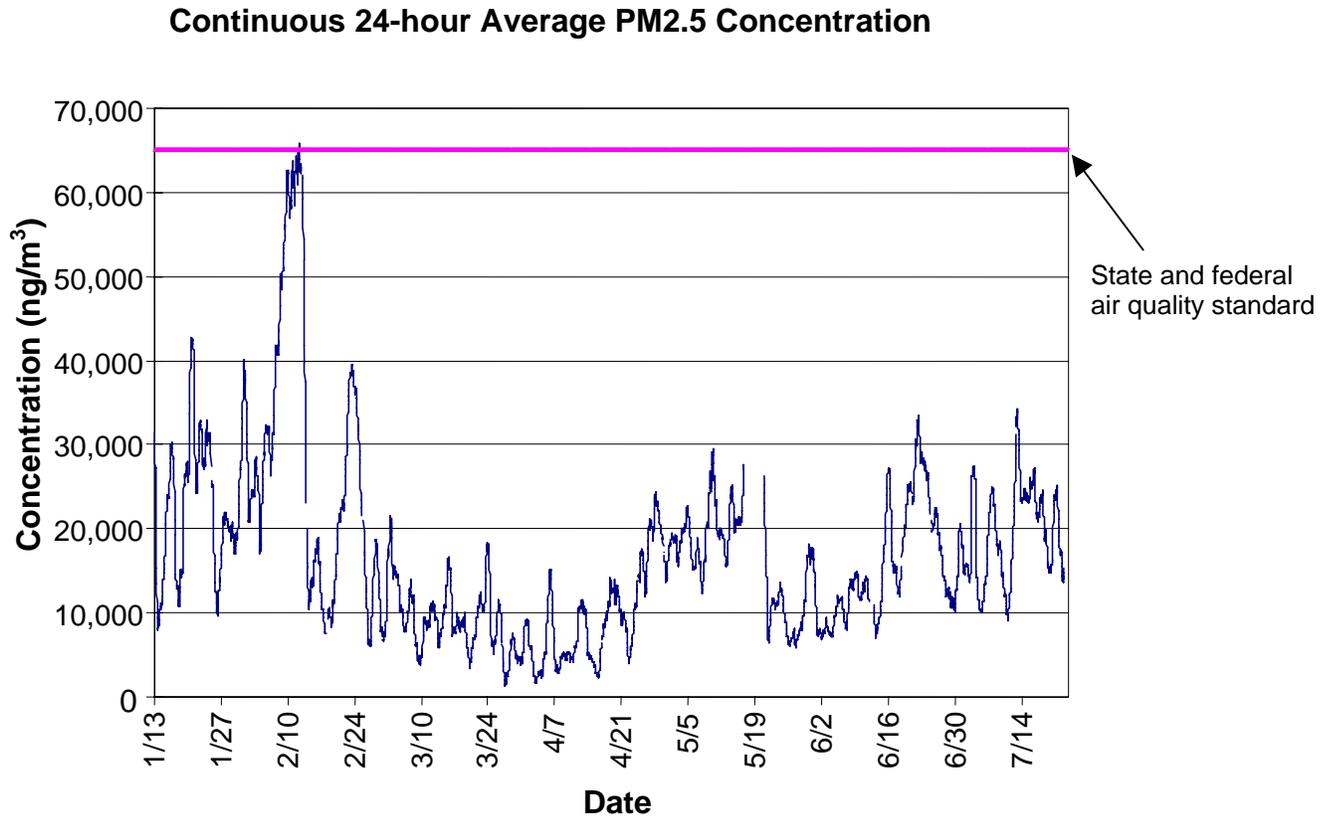


Figure 14. Windrose showing percentage of time for each direction the wind is coming from, and wind speed at the Parlier monitoring station, January through April 2006.

